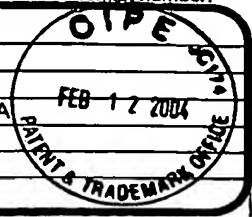


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Substitute for form 1449B/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT Date Submitted: February 12, 2004 (use as many sheets as necessary)				Application Number	10/048,059
				Filing Date	06/06/2002
				First Named Inventor	Takashi NAKAGAWA
				Group Art Unit	2681
				Examiner Name	Unassigned
Sheet	1	of	1	Attorney Docket Number	017661-0181



U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
AZ	A1	5,606,285		WANG et al.	02/25/1997	
AZ	A2	5,715,526		WEAVER, JR. et al.	02/03/1998	
AZ	A3	5,930,242		MIMURA	07/27/1999	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Documents	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Office ³	Number ⁴	Kind Code ⁵ (if known)				
AZ	A4	EP	0 751 630			01/02/1997		
AZ	A5	PCT	WO 97/09794			03/13/1997		
AZ	A6	CN	1208519			02/17/1999		ABS

NON PATENT LITERATURE DOCUMENTS

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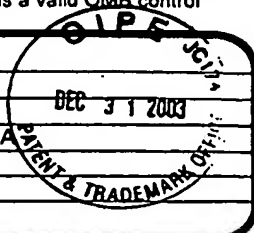
¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

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Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT Date Submitted: December 31, 2003 (use as many sheets as necessary)		Complete if Known	
		Application Number Filing Date First Named Inventor Group Art Unit Examiner Name Attorney Docket Number	10/048,059 06/06/2002 Takashi NAKAGAWA 2681 Unassigned 017661-0181
Sheet	1	of	1



U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
AZ	A1	5,794,129		KOMATSU	01/11/1998	
AZ	A2	6,393,005		MIMURA	05/21/2002	

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FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Documents	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Office ³	Number ⁴	Kind Code ⁵ (if known)				
AZ	A3	JP	9-36801			02/07/1997		ABST
AZ	A4	JP	11-74834			03/16/1999		ABST

NON PATENT LITERATURE DOCUMENTS			
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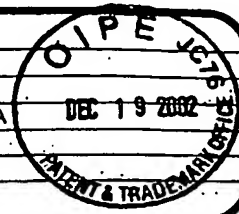
¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

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Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT Date Submitted: December 19, 2002 (use as many sheets as necessary)				Complete If Known Application Number: 10/048,059 Filing Date: 06/06/2002 First Named Inventor: Takashi NAKAGAWA Group Art Unit: 2681 Examiner Name: Unknown Attorney Docket Number: 017661-0181	
Sheet	1	of	1		



U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
AZ	A1	5,606,285	A	WANG et al.	02/25/1997	RECEIVED DEC 20 2002 Technology Center 2000
AZ	A2	5,930,242	A	MIMURA	07/27/1999	
AZ	A3	5,794,129	A	KOMATSU	08/11/1998	

FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Documents	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Office ³	Number ⁴	Kind Code ⁵ (If known)				
AZ	A4	WO	97/09794	A1	QUALCOMM INCORPORATED	03/13/1997		
AZ	A5	EP	0 751 630	A2	NEC CORPORATION	01/02/1997		
AZ	A6	EP	0 887 947	A2	NEC CORPORATION	12/30/1998		

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Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT Date Submitted: July 15, 2002 (use as many sheets as necessary)				Complete if Known	
				Application Number	10/048,059
				Filing Date	January 25, 2002
				First Named Inventor	Takashi NAKAGAWA
				Group Art Unit	Unassigned
				Examiner Name	Unassigned
				Attorney Docket Number	017661/0181
Sheet	1	of	1		

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
AZ	A1	6,118,983		EGUSA et al.	09/12/2000	
AZ	A2	6,272,125		NOMURA	08/07/2001	

FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Documents	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Office ³	Number ⁴	Kind Code ⁵ (if known)				
AZ	A3		6-276140		JAPAN	09/30/1994		X
AZ	A4		10-51379		JAPAN	02/20/1998		X
AZ	A5		11-27233		JAPAN	01/29/1999		X

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
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Examiner Signature	/Anna Ziskind/	Date Considered	07/14/2006
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INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)				APPLICANT Takashi NAKAGAWA				
				FILING DATE January 25, 2002		GROUP ART UNIT Unassigned		
U.S. PATENT DOCUMENTS								
EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE	
AZ	A1	5,930,242	07/27/1999	MIMURA	370	331		
AZ	A2	5,794,129	08/11/1998	KOMATSU	455	69		
FOREIGN PATENT DOCUMENTS								
	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION	
							YES	NO
AZ	A3	0 887 947 A2	12/30/1998	EUROPE				
AZ	A4	11-74804	03/16/1999	JAPAN			Abstract	
AZ	A5	64-89828	04/05/1989	JAPAN			Abstract	
AZ	A6	11-331908	11/30/1999	JAPAN			Abstract	
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)								
EXAMINER /Anna Ziskind/				DATE CONSIDERED 07/14/2006				
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